

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033286.D
 Acq On : 13 Dec 2023 19:10
 Operator : SY/MD
 Sample : 05731-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY58

Quant Time: Dec 13 23:35:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

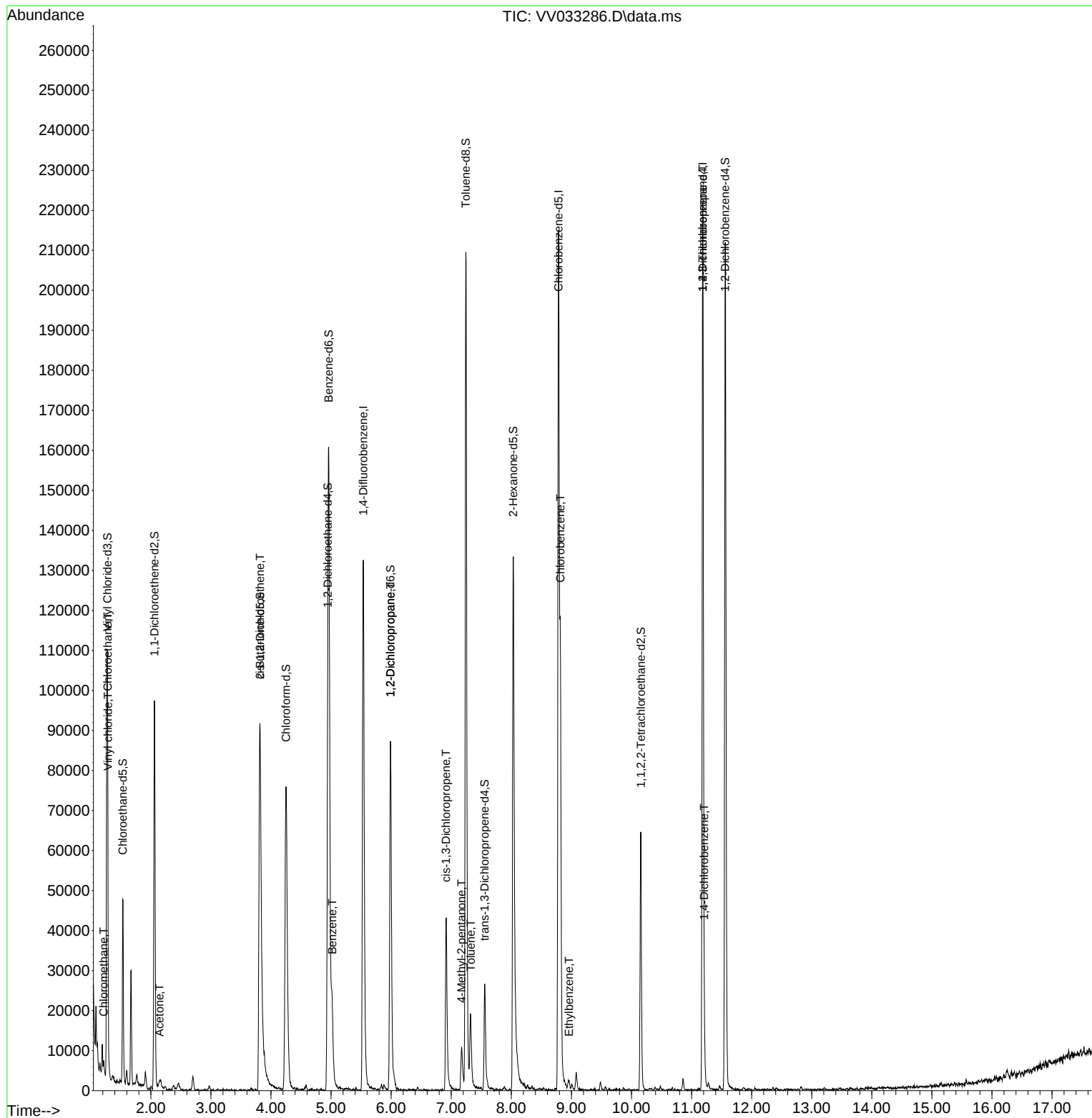
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	127524	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	129387	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	66789	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38751	4.740	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.532	69	29161	4.796	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.060	65	14929	4.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	3.815	46	56362	58.259	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.520%
24) Chloroform-d	4.249	84	83572	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	4.944	65	39037	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	4.960	84	158848	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	5.989	67	37572	4.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.243	98	148654	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.555	79	16347	4.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.030	63	56698	58.436	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.880%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	27984	5.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	63122	5.366	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	2106	0.232	ug/L	98
5) Vinyl chloride	1.285	62	7071	0.768	ug/L	95
8) Chloroethane	1.282	64	2824	0.532	ug/L	93
13) Acetone	2.143	43	2239	3.270	ug/L	93
22) cis-1,2-Dichloroethene	3.815	96	41461	4.540	ug/L	95
33) Benzene	5.018	78	23487	0.677	ug/L	100
37) 1,2-Dichloropropane	5.989	63	5206	0.747	ug/L #	81
39) cis-1,3-Dichloropropene	6.912	75	1111	0.098	ug/L #	58
40) 4-Methyl-2-pentanone	7.172	43	6973	2.826	ug/L #	79
42) Toluene	7.323	91	15046	0.379	ug/L	99
51) Chlorobenzene	8.815	112	63973	2.352	ug/L	98
52) Ethylbenzene	8.960	91	2240	0.050	ug/L	87
61) 1,2,3-Trichloropropane	11.185	75	6427	1.816	ug/L #	58
65) 1,4-Dichlorobenzene	11.210	146	3562	0.159	ug/L	95

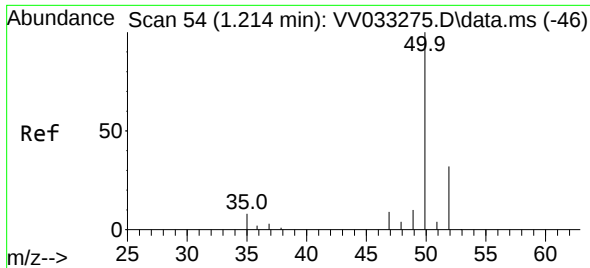
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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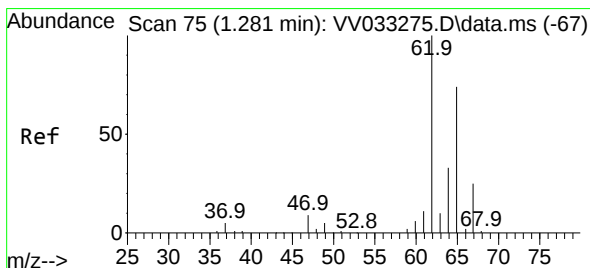
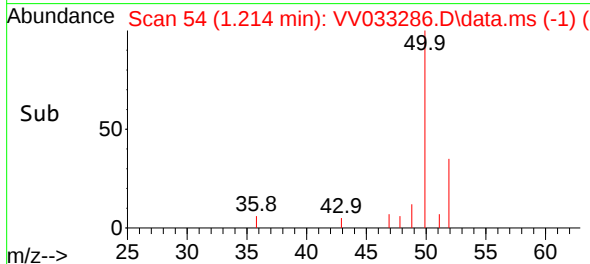
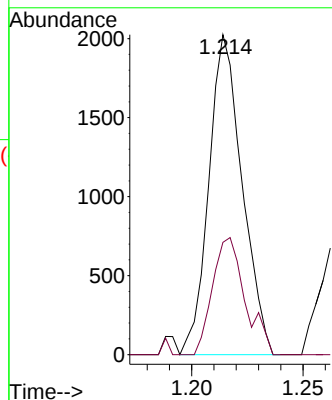
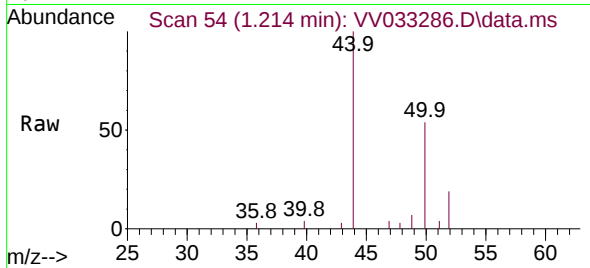




#3
Chloromethane
Concen: 0.232 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033286.D
Acq: 13 Dec 2023 19:10

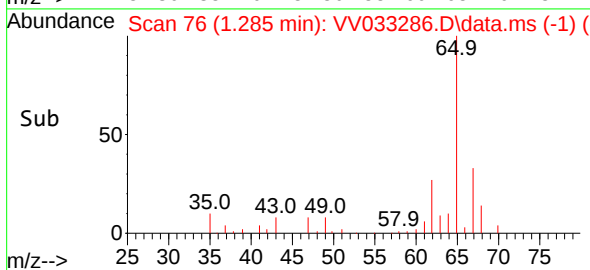
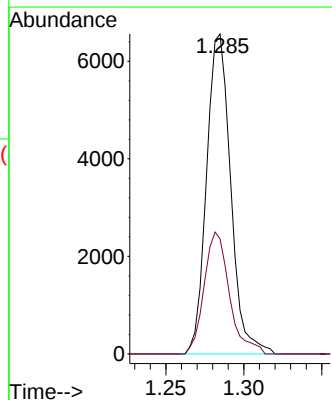
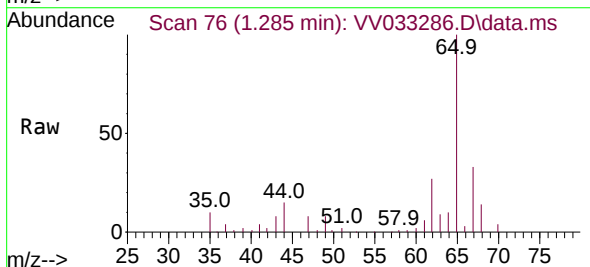
Instrument :
MSVOA_V
ClientSampleId :
E0Y58

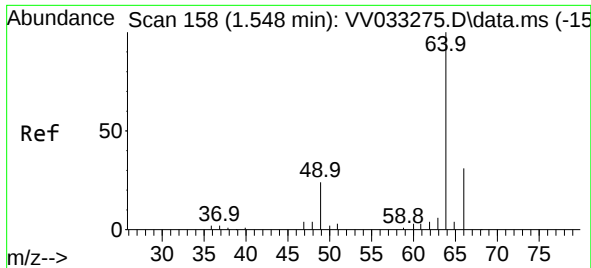
Tgt Ion: 50 Resp: 2106
Ion Ratio Lower Upper
50 100
52 35.1 23.8 44.2



#5
Vinyl chloride
Concen: 0.768 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.003 min
Lab File: VV033286.D
Acq: 13 Dec 2023 19:10

Tgt Ion: 62 Resp: 7071
Ion Ratio Lower Upper
62 100
64 36.0 23.0 42.8





#8

Chloroethane

Concen: 0.532 ug/L

RT: 1.282 min Scan# 71

Delta R.T. -0.267 min

Lab File: VV033286.D

Acq: 13 Dec 2023 19:10

Instrument :

MSVOA_V

ClientSampleId :

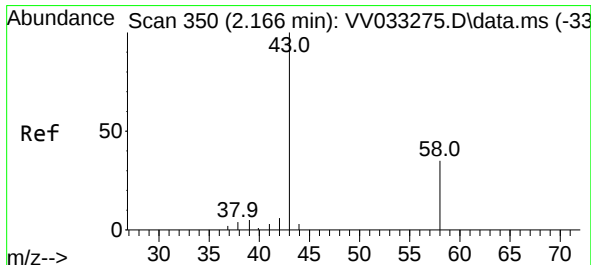
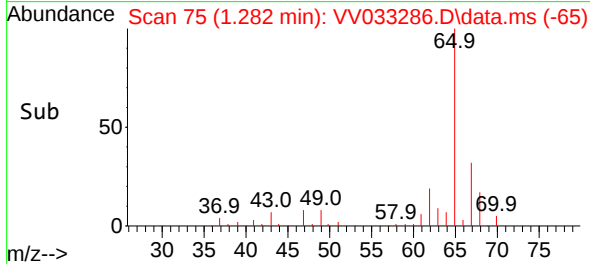
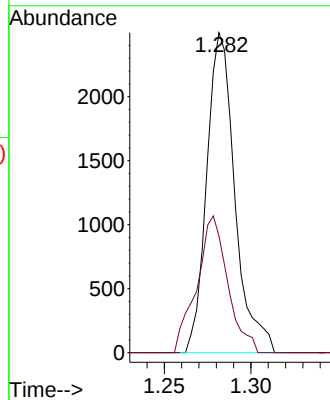
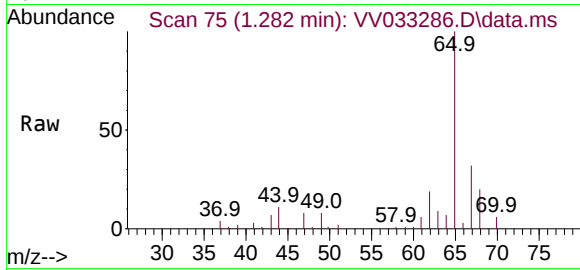
E0Y58

Tgt Ion: 64 Resp: 2824

Ion Ratio Lower Upper

64 100

66 36.6 22.9 42.5



#13

Acetone

Concen: 3.270 ug/L

RT: 2.143 min Scan# 343

Delta R.T. -0.022 min

Lab File: VV033286.D

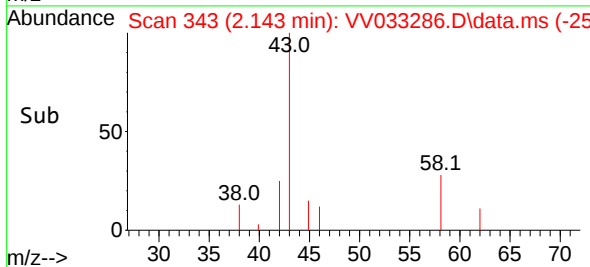
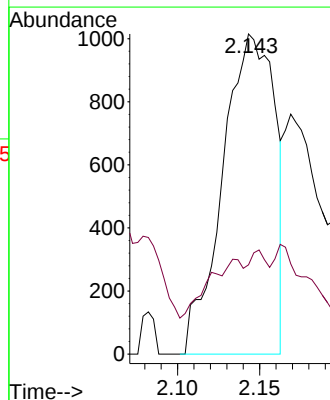
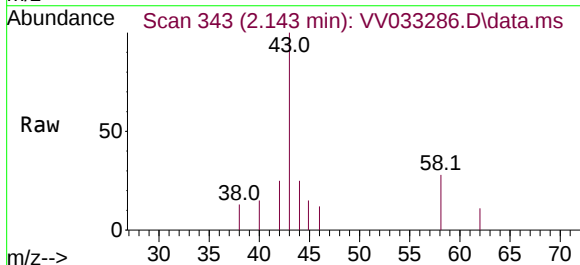
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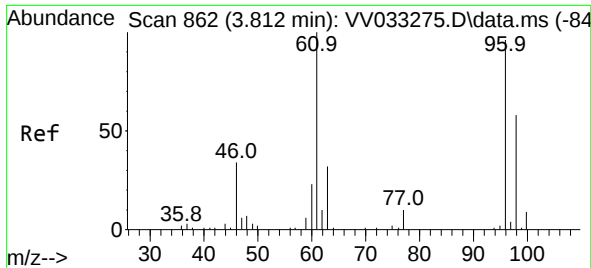
Tgt Ion: 43 Resp: 2239

Ion Ratio Lower Upper

43 100

58 12.2 0.0 30.2

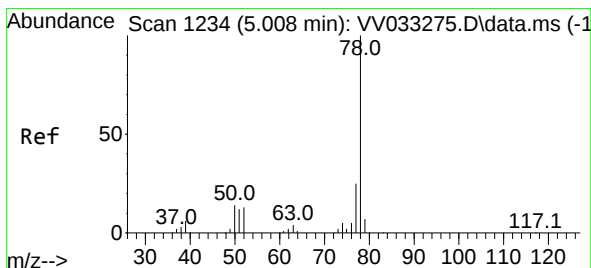
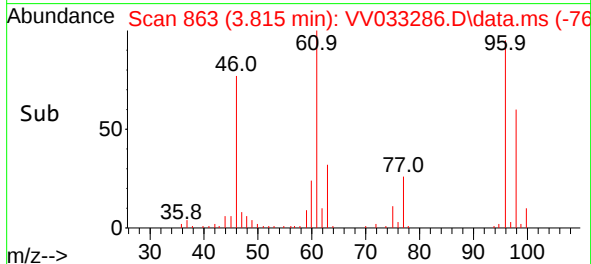
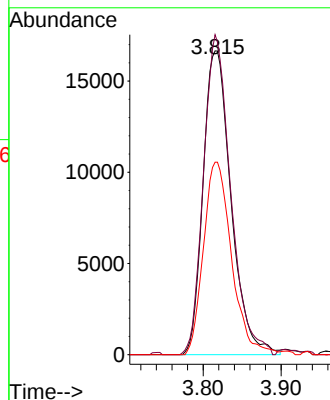
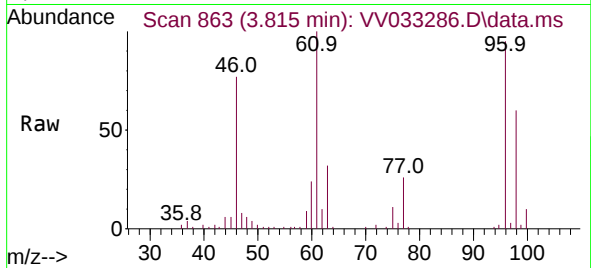




#22
 cis-1,2-Dichloroethene
 Concen: 4.540 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033286.D
 Acq: 13 Dec 2023 19:10

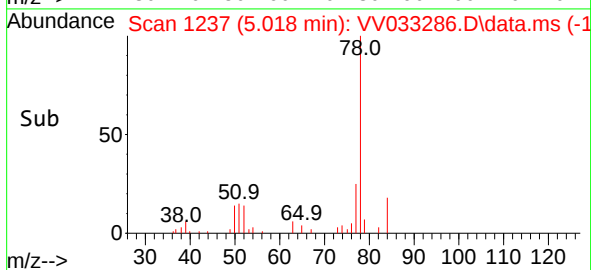
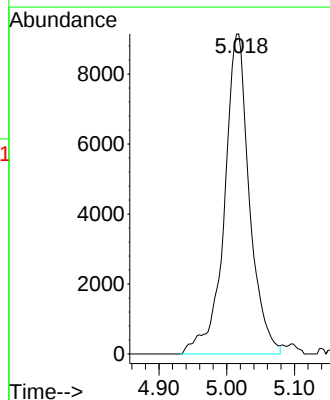
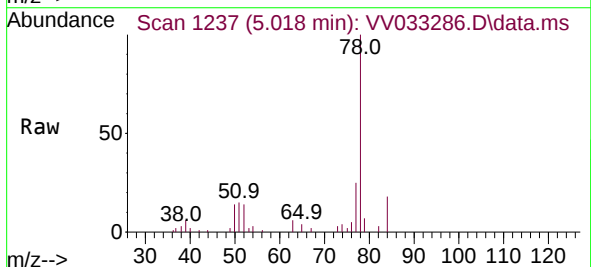
Instrument :
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 ClientSampleId :
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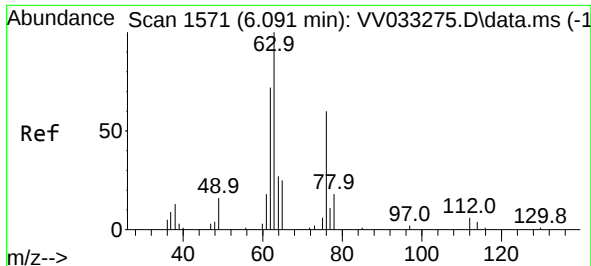
Tgt Ion: 96 Resp: 41461
 Ion Ratio Lower Upper
 96 100
 61 105.3 69.9 129.9
 98 63.4 42.4 78.8



#33
 Benzene
 Concen: 0.677 ug/L
 RT: 5.018 min Scan# 1237
 Delta R.T. 0.010 min
 Lab File: VV033286.D
 Acq: 13 Dec 2023 19:10

Tgt Ion: 78 Resp: 23487





#37

1,2-Dichloropropane

Concen: 0.747 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV033286.D

Acq: 13 Dec 2023 19:10

Instrument :

MSVOA_V

ClientSampleId :

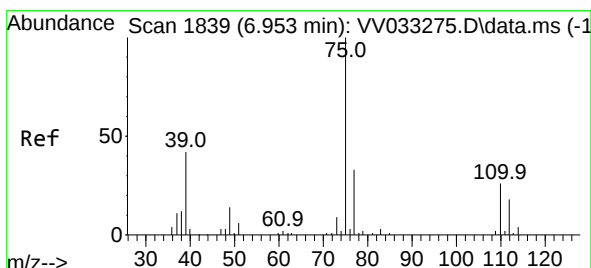
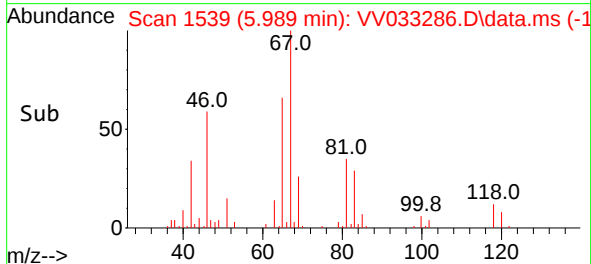
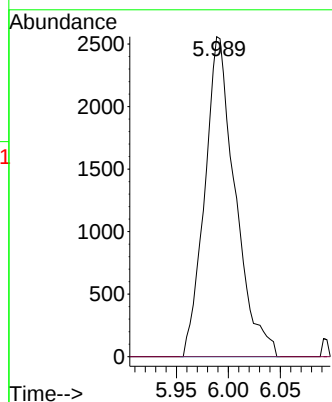
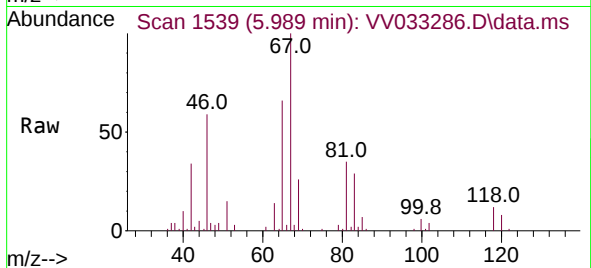
E0Y58

Tgt Ion: 63 Resp: 5206

Ion Ratio Lower Upper

63 100

112 0.0 5.0 7.6#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.042 min

Lab File: VV033286.D

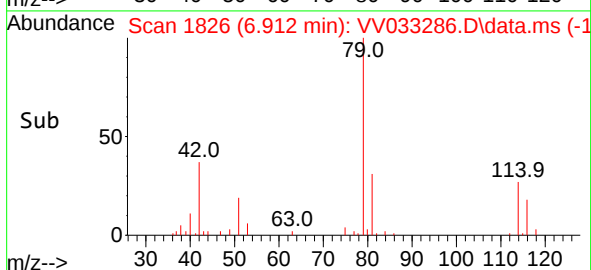
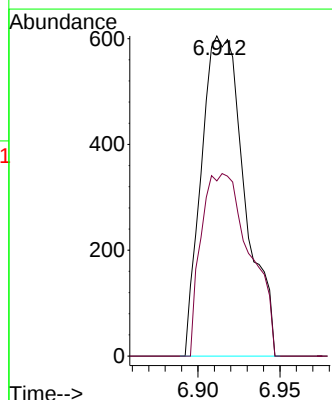
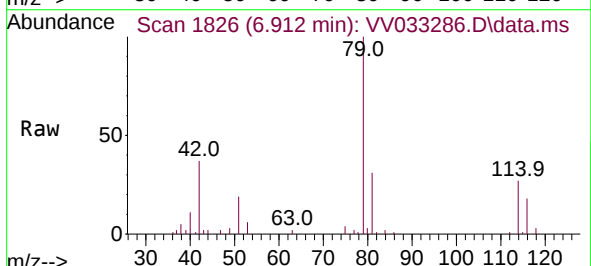
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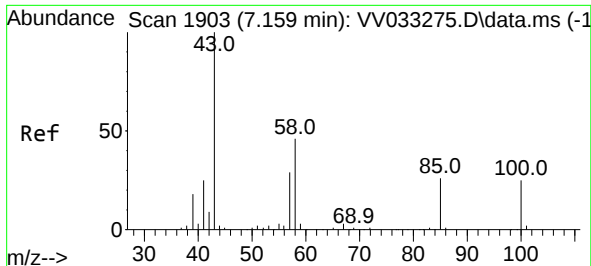
Tgt Ion: 75 Resp: 1111

Ion Ratio Lower Upper

75 100

77 54.7 22.1 41.1#





#40

4-Methyl-2-pentanone

Concen: 2.826 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VV033286.D

Acq: 13 Dec 2023 19:10

Instrument :

MSVOA_V

ClientSampleId :

E0Y58

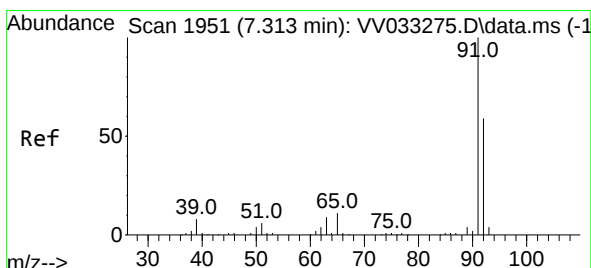
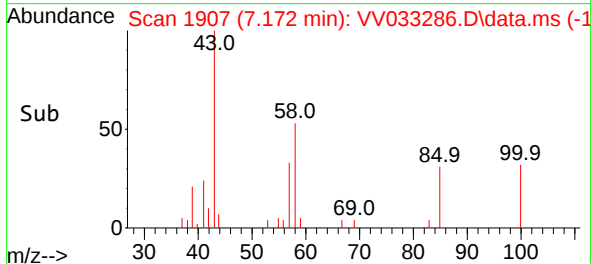
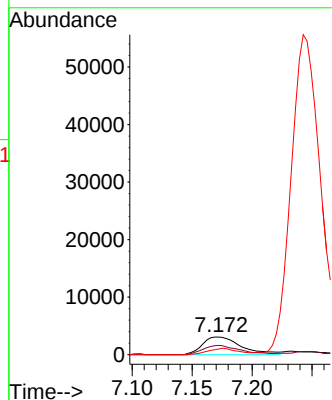
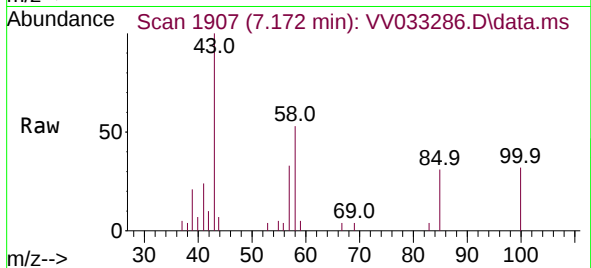
Tgt Ion: 43 Resp: 6973

Ion Ratio Lower Upper

43 100

58 49.9 36.2 54.2

100 0.0 18.8 28.2#



#42

Toluene

Concen: 0.379 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV033286.D

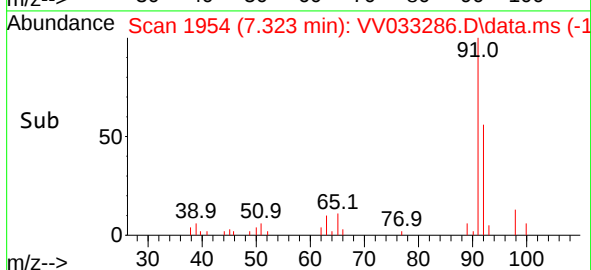
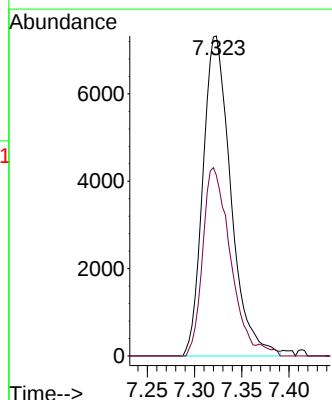
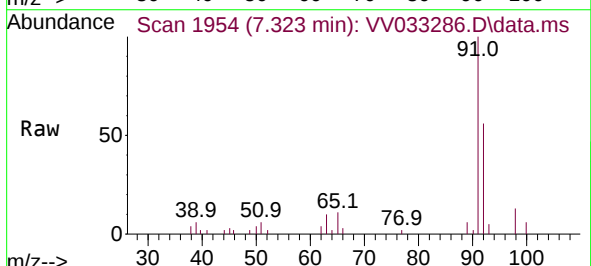
Acq: 13 Dec 2023 19:10

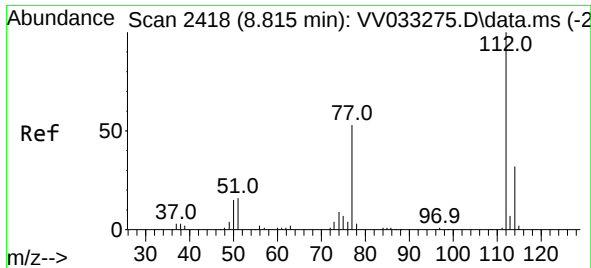
Tgt Ion: 91 Resp: 15046

Ion Ratio Lower Upper

91 100

92 56.5 40.2 74.6

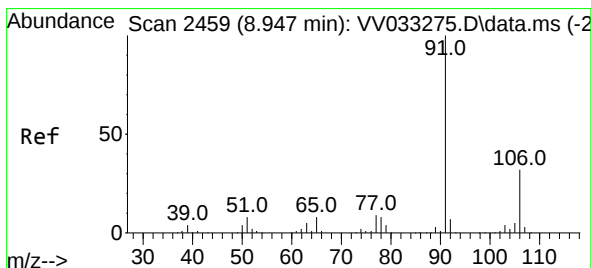
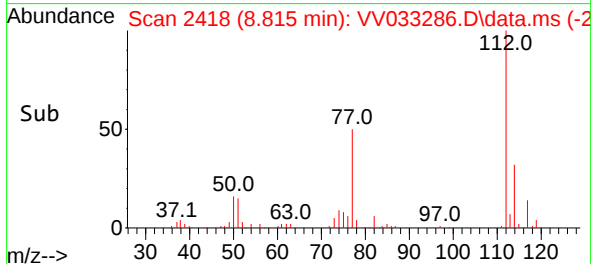
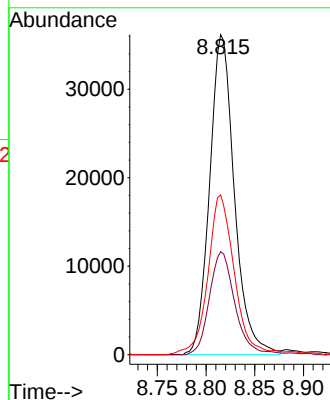
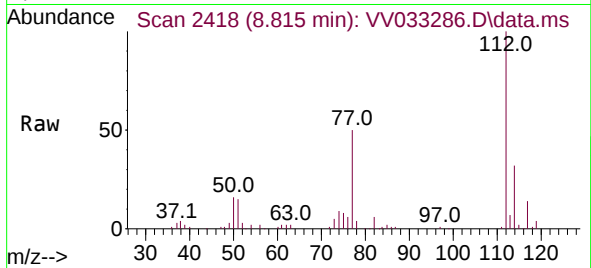




#51
Chlorobenzene
Concen: 2.352 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV033286.D
Acq: 13 Dec 2023 19:10

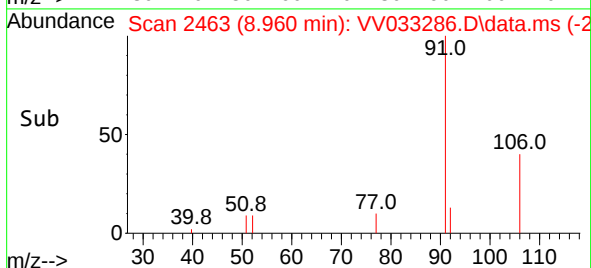
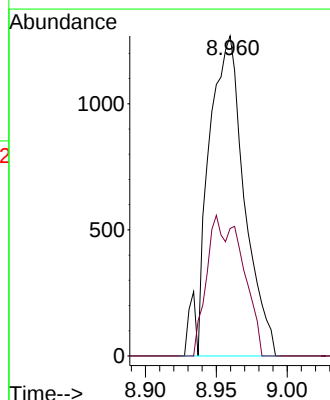
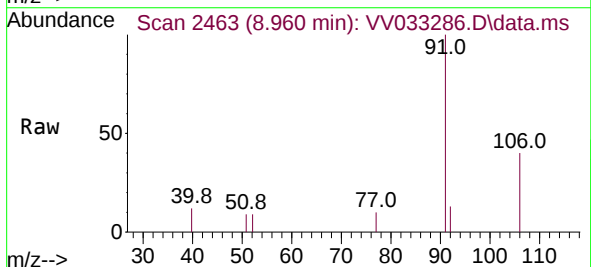
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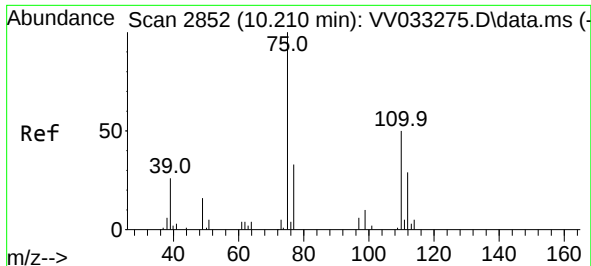
Tgt Ion:112 Resp: 63973
Ion Ratio Lower Upper
112 100
114 32.2 22.8 42.4
77 49.9 41.3 61.9



#52
Ethylbenzene
Concen: 0.050 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.013 min
Lab File: VV033286.D
Acq: 13 Dec 2023 19:10

Tgt Ion: 91 Resp: 2240
Ion Ratio Lower Upper
91 100
106 39.9 22.7 42.3

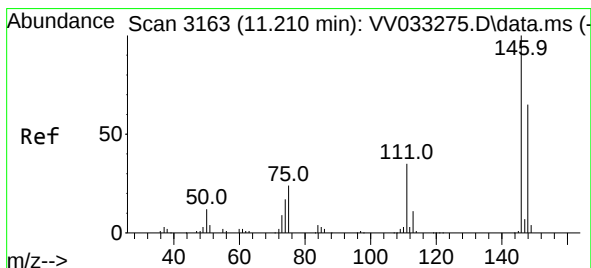
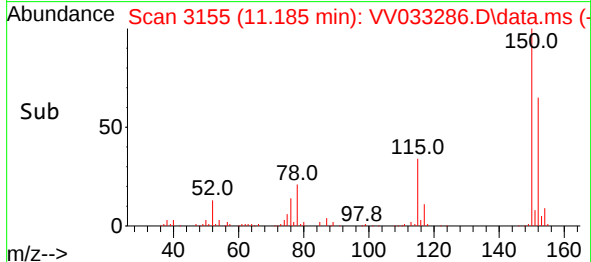
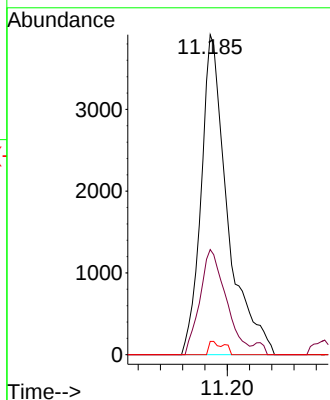
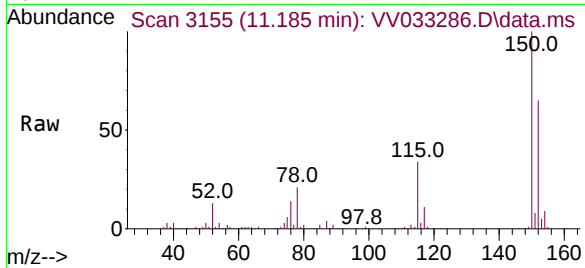




#61
1,2,3-Trichloropropane
Concen: 1.816 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV033286.D
Acq: 13 Dec 2023 19:10

Instrument :
MSVOA_V
ClientSampleId :
E0Y58

Tgt Ion: 75 Resp: 6427
Ion Ratio Lower Upper
75 100
77 32.6 27.4 41.2
110 2.3 39.4 59.2#



#65
1,4-Dichlorobenzene
Concen: 0.159 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033286.D
Acq: 13 Dec 2023 19:10

Tgt Ion:146 Resp: 3562
Ion Ratio Lower Upper
146 100
111 39.9 25.6 47.4
148 67.7 44.7 82.9

